

11/30/99
JC583 U.S. PTO

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A
PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390.P7947

Total Pages 2

First Named Inventor or Application Identifier Graunke et al.

Express Mail Label No. EL431684500US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

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09/452329



APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Specification (Total Pages 15)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. Drawings(s) (35 USC 113) (Total Sheets 3)
4. Oath or Declaration (Total Pages 8)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed) (Note Box 5 below)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & documents(s))
9. 37 CFR 3.73(b) Statement (where there is an assignee)
 Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449
 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. Small Entity Statement(s)
 Statement filed in prior application, Status still proper and desired
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Other: Separate Sheet: Certificate of Mailing with Attorney Signature and copy of return postcard.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part (CIP)
of prior application No: _____

18. Correspondence Address

Customer Number or Bar Code Label _____
(Insert Customer No. or Attach Bar Code Label here)
or
 Correspondence Address Below

NAME Aloysius T.C. AuYeung, Reg. No. 35,432

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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CITY Los Angeles STATE California ZIP CODE 90025-1026

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Express Mail Label: EL431684500US

FEE TRANSMITTAL

EXPRESS MAIL NO. EL431684500US

Complete if Known:

Application No. Not yet assigned
 Filing Date November 30, 1999
 First Named Inventor Gary L. Graunke
 Group Art Unit Not yet assigned
 Examiner Name Not yet assigned
 Attorney Docket No. 42390.P7947

JCS42 U.S. PROS
09/452329



11/30/99

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666

Deposit Account Name _____

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)

2. Payment Enclosed

 Check Money Order Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEELarge Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$)

Fee Description

101	760	201	380	Utility application filing fee	Fee Paid <u>760.00</u>
106	310	206	155	Design application filing fee	_____
107	480	207	240	Plant filing fee	_____
108	760	208	380	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____

SUBTOTAL (1) \$ 760.002. CLAIMSExtra Fee from below Fee PaidTotal Claims 21 - 20 = 1 X 18.00 = 18.00Independent Claims 3 - 3 = 0 X 78.00 = 00.00

Multiple Dependent Claims _____ X _____ = _____

Large Entity Small Entity

Fee Fee Fee Fee

Code (\$) Code (\$)

Fee Description

103	18	203	9	Claims in excess of twenty	Fee Paid _____
102	78	202	39	Independent claims in excess of 3	_____
104	260	204	130	Multiple dependent claim	_____
109	78	209	39	Reissue independent claims over original patent	_____
110	18	210	9	Reissue claims in excess of 20 and over original patent	_____

SUBTOTAL (2) \$ 18.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	400	216	200
117	870	217	475
118	1,510	218	755
128	2,060	228	1,030
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,320	241	660
142	1,320	242	660
143	450	243	225
144	670	244	335
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
146	790	246	395
149	790	249	395
Other fee (specify)			
Other fee (specify)			
		SUBTOTAL (3)	\$ 0.00

*Reduced by Basic Filing Fee Paid

TOTAL AMOUNT OF PAYMENT (\$)

\$ 778.00

SUBMITTED BY:

Typed or Printed Name: Aloysius T.C. AuYeung

Signature AuYeung Date 11/30/99

Reg. Number 35,432 Deposit Account User ID _____
(complete if applicable)

A STREAM CIPHER HAVING A COMBINER FUNCTION WITH STORAGE BASED
SHUFFLE UNIT
Inventors: Graunke et al.
Our Reference: 42390.P7947

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN, L.L.P.

Date: 11/30, 1999


Aloysiuss T.C. AuYeung
Reg. No. 35,432

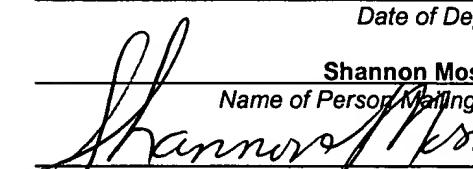
I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated below and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on:

November 30, 1999

Date of Deposit

Shannon Moss

Name of Person Mailing Correspondence


Signature

11/30/99

Date

EL431684500US

"Express Mail" mailing label number

Serial/Patent No.: not yet assigned

Filing/Issue Date: 11-30-99

Client: Intel Corporation

Title: A STREAM CIPHER HAVING A COMBINER FUNCTION WITH STORAGE BASED SHUFFLE UNIT

BSTZ File No.: 42390.P7947

Atty/Secty Initials: ATA/mjt

Date Mailed: 11-30-99

Docket Due Date:

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | | |
|--|--|--|
| <input type="checkbox"/> Amendment/Response (____ pgs.) | <input checked="" type="checkbox"/> Express Mail No.: <u>EL431684500US</u> | <input checked="" type="checkbox"/> Check No. <u>178</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate) | <input type="checkbox"/> _____ Month(s) Extension of Time | <input type="checkbox"/> Amt: <u>778</u> |
| <input checked="" type="checkbox"/> Application - Utility (<u>15</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-140 (____ pgs.) | <input type="checkbox"/> Check No. _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.) | <input type="checkbox"/> Issue Fee Transmittal | <input type="checkbox"/> Amt: _____ |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.) | <input type="checkbox"/> Notice of Appeal | |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.) | <input type="checkbox"/> Petition for Extension of Time | |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.) | <input type="checkbox"/> Petition for _____ | |
| <input type="checkbox"/> Application - Design (____ pgs.) | <input checked="" type="checkbox"/> Postcard | |
| <input type="checkbox"/> Application - PCT (____ pgs.) | <input type="checkbox"/> Power of Attorney (____ pgs.) | |
| <input type="checkbox"/> Application - Provisional (____ pgs.) | <input type="checkbox"/> Preliminary Amendment (____ pgs.) | |
| <input type="checkbox"/> Assignment and Cover Sheet | <input type="checkbox"/> Reply Brief (____ pgs.) | |
| <input checked="" type="checkbox"/> Certificate of Mailing * | <input type="checkbox"/> Response to Notice of Missing Parts | |
| <input checked="" type="checkbox"/> Declaration & POA (<u>8</u> pgs.) <u>UNASIGNED</u> | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business | |
| <input type="checkbox"/> Disclosure Docs & Org & Copy of Inventor Signed Later (____ pgs.) | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate | |
| <input type="checkbox"/> Drawings: <u>3</u> # of sheets includes <u>4</u> figures | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate | |

Other: * Separate Sheet: Cert of Mailing w/ Atty Signature and
Copy of return postcard